USS TAYLOR (FFG-50)

HULL MECHANICAL ELECTRICAL READINESS ASSESSMENT SHELL CONDITION SURVEY OF INTERIOR AREAS

02/18/03 TO 02/27/03



PREPARED BY
SUPERVISOR OF SHIPBUILDING CONVERSION
AND
REPAIR
PORTSMOUTH, VIRGINIA





4646 WITCHDUCK ROAD VIRGINIA BEACH, VIRGINIA. 23455-6215 PHONE: 757-490-5000 FAX: 757-490-5027

26 February 2003 Serial # 1697BL – 118

Q.E.D. Systems, Inc. was tasked by the Supervisor of Shipbuilding Conversion and Repair, USN (SPORT) Portsmouth, VA to conduct an Ultrasonic Thickness (U/T) Survey of specific locations on board USS TAYLOR (FFG-50) during the period of 18 February 2003 – 27 February 2003.

The survey was conducted by Francis J. (Joe) LaRock II, Certified U/T Level 2 on 21 December 2001.

The instrument used was a Krautkramer Branson, Model DMS-2.

Serial Number: 00N3V8

Calibration Date: 10 February 2003

Probes Used: TC 560

FH 2 E KBA 525

On behalf of **SUPSHIP PORTSMOUTH** and **Q.E.D.SYSTEMS**, I would like to thank The OFFICERS and CREW of **USS TAYLOR** (**FFG-50**) for their help and cooperation while conducting this survey. The condition of **USS TAYLOR** reflects the determination, pride and traditions of the **UNITED STATES NAVY**.

THANK YOU

F.J LaRock II Q.E.D. SYSTEMS INC.

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USS TAYLOR (FFG-50)

SHELL CONDITION SURVEY INTERIOR AREAS TABLE OF CONTENTS

		PAGE NUMBER
>	GENERAL SUMMARY OF CONDITIONS FOUND	4
>	SURVEY RESULTS	5-7
>	AUXILIARY MACHINERY ROOM NO.3 (5-292-0-E)	8-12
>	MAIN ENGINE ROOM (5-250-0-E	13-18
>	AUXILIARY MACHINERY ROOM NO. 2 (5-212-0-E)	19-22
>	AUXILIARY MACHINERY ROOM NO. 1 (5-180-0-E)	23-25
	FORWARD EDUCTOR ROOM (5-51-0-Q)	26-28
>	APU MACHINERY ROOM (4-100-0-E)	29-31
>	SONAR COOLING ROOM (4-48-1-Q)	32-35
>	A/C MACHINERY ROOM (3-84-0-E)	36-39
>	FFG-7 STRUCTURAL MATRIX	40-52

<u>USS TAYLOR (FFG-50)</u> SHELL CONDITION ASSESSMENT SURVEY, INTERIOR AREAS.

A HM& ERA UNDERWATER HULL AND SUPPORTING STRUCTURE SURVEY OF INTERIOR AREAS WAS CONDUCTED ON BOARD **USS TAYLOR (FFG-50)** FROM 02/18/03 TO 02/27/03 AT NAVAL STATION MAYPORT, FLORIDA.

THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH HULL STRUCTURE MRC 1102 USING A DELMHORST BD 2100 MOISTURE METER AND A KRAUTKRAMER BRANSON MODEL DM2TC ULTRASONIC TEST INSTRUMENT SERIAL NO.00NV8 CALIBRATION DUE DATE 02/10/03.THE PROBES USED WERE KRAUTKRAMER BRANSON'S TC/560, FH2E AND KBA 525.

THE MOST CRITICAL AREAS NOTED WERE THE THINNING HULL, BULKHEAD 56 AND THE DETERIORATED STRINGER IN THE SONAR COOLING EQUIPMENT ROOM, THE HOLE IN WEB FRAME (324) AND THE THINNING MARGIN PLATE IN AMR 3, THE HOLED STRINGERS IN THE MAIN ENGINE ROOM THE HOLED STRINGER AND SATURATED HULL INSULATION IN AMR2, THE CORROSION IN THE FORWARD EDUCTOR ROOM AND THE THINNING OF THE TANK TOP / DECK IN THE A/C MACHINERY ROOM.

HISTORIC AREAS OF CORROSION ON **(FFG-7)** CLASS SHIPS WERE INSPECTED AND NOTED. THE OVERALL CONDITION OF **USS TAYLOR'S** HULL STRUCTURE IS BETTER THAN AVERAGE FOR THE (FFG-7) CLASS. REMOVAL OF HULL INSULATION PORT SIDE AMR 2, STARBOARD SIDE IN THE MAIN ENGINE ROOM AND THE SONAR COOLING EQUIPMENT ROOM WILL REDUCE CORROSION SIGNIFICANTLY. THE SURVEY RESULTS PROVIDE ADDITIONAL INFORMATION.

FFG-50 STRUCTURAL INSPECTION RESULTS UNSATISFACTORY AREAS.

RED DENOTES AREAS THAT HAVE DETERIORATION AND METAL LOSS

THE AREAS IN BLACK ARE MINOR CORROSION PROBLEMS

LOCATION	AREA	RESULTS
5-292-0-E AMR 3 CSMP A162	PORT SIDE, BETWEEN BHD 328 AND FRAME 324	APPROX 8 SF OF MARGIN PLATE IS THINNING BELOW THE 25% WASTAGE CRITERIA. APPROX 60 SF FROM MARGIN PLATE TO STRINGER (12) HAS HEAVY
		CORROSION AND PAINT SEPARATION.
5-292-0-E AMR 3 JSN-A339	PORT SIDE FRAME 324	FRAME324 IS DETERIORATED AT THE JUNCTION OF THE SHELL AND MARGIN PLATE
5-250-0-E MER JSN- A346	PORT SIDE BETWEEN FRAMES 264 AND 270	3 RD , 4 TH , AND 5 TH STRINGERS FROM THE MARGIN PLATE ARE HOLED
5-250-0-E MER JSN A427	STARBOARD SIDE, FROM MARGIN PLATE TO 3 RD STRINGER ABOVE THE LOWER LEVEL DECK.	200 SQFT OF SATURATED HULL INSULATION AND CORROSION
5-212-0-E AMR 2 JSN-A341	STARBOARD SIDE STRINGER 8 BETWEEN BHD 212 AND FRAME 220.	STRINGER 8 IS HOLED BELOW OVBD DISCHARGE
5-212-0-E AMR 2 JSN A344	PORT AND STARBOARD,FROM BULKHEAD(212) TO FRAME 278	SATURATED INSULATION AND CORROSION PORT SIDE CORROSION STARBOARD SIDE
5-180-0-E AMR 1 CSMP-A174	PORT SIDE, UNDER REEFER COMPRESSOR NO. 2, UNDER HALON BOTTLE STATION AND INBOARD OF BALLAST BLOCKS, AFT OF WF (196).	APPROX 200 SF OF CORROSION AND PAINT SCALING.
5-51-0-Q FWD EDUCTOR ROOM JSN- A410	PORT AND STBD SIDE BILGE AREA.	APPROX 8 LF OF VERTICAL STIFFNER, APPROX 1 LF OF FLANGE IS DETERIORATED.
4-100-0-E APU MACHINERY ROOM JSN-A347	PORT AND STBD SIDE BILGE POCKETS	APPROX 80 SQFT OF CORROSION
4-48-1-Q SONAR COOLING ROOM JSN- A411	STBD SIDE, FROM DECK TO 3 RD STRINGER AND BHD (56)	SHELL THINNING, BHD 56 THINNING 2 ND STRINGER FROM THE DECK IS DETERIORATED AT BHD 56
3-84-0-E A/C MACHINERY ROOM JSN-A404	TANK TOP / DECK INBOARD OF A/C PLANT	TANK TOP THINNING

USS TAYLOR (FFG-50) SATISFACTORY AREAS

LOCATION	SPACE DESIGNATION
3-32-1-K	FLAMMABLE STORAGE LOCKER
3-36-2-T	ESCAPE TRUNK
3-40-2-A	CPO STOREROOM
3-46-1-A	SPECIAL CLOTHING STOREROOM
3-48-2-A	MEDICAL STOREROOM NO.1
3-53-2-A	SMALL STORES
3-56-1-A	DECK GEAR STOREROOM
3-93-1-Q	400 HZ ENCLOSURE
3-100-0-L	CREW BERTHING
3-100-1-L	CREW LOUNGE
3-113-1-L	SHOWER WR/WC
3-140-3-Q	CLEANING GEAR LOCKER
3-144-0-L	CREW BERTHING
3-144-2-L	OFFICER/CPO BERTHING
3-154-1-Q	PIPING SPACE
3-156-2-Q	PIPING SPACE
3-180-2-C	SWITCH GEAR ROOM
3-180-5-A	DRY PROVISIONS STOREROOM
3-196-2-A	SHIPS STORES STOREROOM
3-328-0-A	SUPPLY STOREROOM
4-32-0-Q	SONAR EQUIPMENT ROOM
4-48-2-L	PASSAGE WAY
4-56-0-M	SMALL ARMS MAGAZINE
4-56-2-A	STOREROOM
4-140-2-Q	LAUNDRY
4-151-3-A	CLEANING GEAR LOCKER
4-152-1-A	STOREROOM
4-152-3-A	CHEMICAL DEFENSE EQUIPMENT STOREROOM
4-160-0-Q	CHT ROOM
4-172-1-E	FIRE PUMP ROOM
5-376-1-A	STOREROOM
5-390-1-A	DECK GEAR STOREROOM

FFG-50 STRUCTURAL INSPECTION RESULTS UNASSESSABLE AREAS.

LOCATION	AREA	RESULTS
3-20-0-Q	CHAIN LOCKER	UNASSESSABLE/REQUIRES GAS FREE
3-64-2-V	VOID	UNASSESSABLE/REQUIRES GAS FREE
3-64-1-V	VOID	UNASSESSABLE/REQUIRES GAS FREE
3-236-1-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-236-2-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-240-1-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-240-2-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-272-1-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-272-2-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-278-1-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-278-2-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-286-1-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-286-2-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-292-8-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-316-1-J	JP5 FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
3-322-1-J	JP5 FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
4-H-0-V	VOID	UNASSESSABLE/REQUIRES GAS FREE
4-27-0-V	VOID	UNASSESSABLE/REQUIRES GAS FREE
5-FF-0-V	VOID	UNASSESSABLE/REQUIRES GAS FREE
5-32-0-W	SALT WATER TANK	UNASSESSABLE/REQUIRES GAS FREE
5-56-0-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-64-0-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-84-1-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-84-2-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-100-3-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-100-4-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-116-1-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-116-2-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5½-116-0-V	VOID	UNASSESSABLE/REQUIRES GAS FREE
5-132-0-F	CONTAMINATED OIL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-137-1-T	UNDERWATER LOG TANK	UNASSESSABLE/REQUIRES GAS FREE
5-140-1-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-140-2-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-164-0-F	CONTAMINATED OIL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-164-1-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE
5-164-2-F	FUEL TANK	UNASSESSABLE/REQUIRES GAS FREE

							_						
ITEM NUMBER									USS TAYLOR (FFG-50	0)		
SYSTEM SHELL & SUPPO	RTING STRUCTU		ESWBS 11011	EIG	c A100)	APL		N/A	RII	n 31TZT		
EQUIPMENT NAME	\ <u></u>		IDENT/SERIAL			LOCAT		WO	RK CENTER	JS			
HULL STRUCTUF	RE .	PROBLEM		N/A	_		5-292-0-E	CATEGORY	EM04		A 339		
							TT. (OATEGOR			200		
SAT - SATISFACTO UNSAT - UNSATISFACTO	_	2. /	C - CORRECTED A - AWAITING PARTS		2. Z - EQUIP	ONNEL SAFE			4. D - DOWN 5. L - LIMITED				
3. TNA - TEST NOT A 4. TNC - TEST NOT C 5. NOB - EQUIPMENT		4.8	T - AWAITING TECH ASSIS S - SHIP'S FORCE NCORRECTED PROBLEMS		3. H – HARD	WARE					.8		
TYPEAVAILABILITY	WHEN TO BE ACCOMPLISH	IFD	STATUS		CAUSE	DEFERRAL REASON	ASON						
1. DEPOT	1. IMMEDIATELY		1. OPERATIONAL		1. ABNORM	1. S/F BACKLOG/OPERATIO	NAL PRIORIT	ΓΥ					
1 2. IMA	2. PRIOR TO NEXT U	NDERWAY	2. NON-OPERATIONAL		3. LACK OF	KNOWLEDGI		,15	2. LACK OF MATERIAL 3. NO FORMAL TRAINING O 4. FORMAL TRAINING INAD				
3. TECH ASSIST	3. PRIOR TO NEXT		3. REDUCED CAPABILI	TY	INADEQU	ATE INSTRU	CTION/PROCEDU	JRE	EQUIPMENT				
4. SHIP'S FORCE	DEPLOYMENT	OLOVATENT.	0. NOT APPLICABLE		7.NORMAL \	ATE DESIGN WEAR AND T			5. INADEQUATE SCHOOL P 6. LACK OF FACILITIES/CAP	PABILITIES			
5. SFWL	4. DURING POST DEF AVAILABILITY	PLOYMENT		1	0. NOT APP	LICABLE	7		7. NOT AUTHORIZED FOR S 8. FOR S/F OVERHAUL OR				
J. SI WE		4				9. LACK OF TECHNICAL DO							
						ABLE	6						
MAN HRS EXPENDED	MAN HRS	REMAINING	1	COMPLET	ED ACTION TA	KEN		S/F	MANHOURS	PR	RIORITY		
2													
SAFETY HAZARD: 1. SERIOUS - CORRECT	AS SOON AS POSSIBL	E					D: PARTS DRAW D: REQUIRED PA		PLY AWN FROM SUPPLY		MANDATORY ESSENTIAL		
 SERIOUS - SUSPENS SERIOUS - WAIVER C 	ION OF EQUIPMENT/SY OF EQUIPMENT/SYSTEM	STEM/SPACE I					D: NO PARTS RE				HIGHLY DESIRABLE		
 SAFETY ITEM - MINO COMBUSTIBLE MATE 				7. MAINTE 0. NONE C	NANCE ACTION OF THE ABOVE,	N COMPLETE DESCRIBE I	D: 3-M CAPABILI N REMARKS/DES	ITY UTILIZED SCRIPTION SE	CTION	4.	DESIRABLE 4		
DISCREPANCY DESCRIPTION: PER HM&ERA UNDERWATER HULL ASSESSMENT: 5-292-0-E AMR3 PORT SIDE, THE WEB OF FRAME													
324 IS SEVERE	LY DETERIOR	ATED AT	THE JUNCTION	OF TH	IE MARGI	N PLATE	AND THE	SHELL.					
DECOMMENDE	D DEDAIDO: IN	LOONIUU	NOTION WITH D		0.70.1445	OIN DL	ATE (OOME) A 4 0 0 \ O	DOD OUT AND DEE	N A OF A I	DDDOV		
							,		ROP OUT AND REP	LACE AI	PROX.		
1 SQFT OF FI	RAIVIE 324 VVI	IH .250	US. REFER IC) NAV	SHIPS L	RAWIN	IG NO. 55	34342 F	EV A SHEET 16				
•													
SSPORT C221	POC: B. WILLI	AMS (75	7-396-4001 EXT-	-2166) TPOC: (C. BUCK							
		7 (7			,		-						
CSMP SUMMA	RY: FRAME 324	PORT, I	DETERIORATED	5-292	?-0-E				TEST#				
									MRC 1102/1				
ROOT CAUSE/	AMPLIFICATIO	N:							STEP#				
SYSTEM LEVE	L IMPACT:								1 THRU 5				
	-		NOMENIOLATIU				OTV	NON		I	COCT		
PART NO.			NOMENCLATU	KE			QTY	NSN			COST		
1								1					
2								1					
3													
4													
5													
6													
FIRST CONTAC		RATE DC1	SECOND	CONT.			RATE DCC		HONE	•			
ASSESSOR / A	CT / TECH ID#		1		т	D	TL		STICIAN		TSP		
J. LAROCK QE	บ SYSTEMS IN	C						1					

CSMP REVIEW

ITEM NUMBER						SHIP USS TAYLOR (FFG-50)							
SYSTEM STRUCTURAL			SWBS 00	Е	IC A10000	n	APL		X-SYSTEMS	(RIN N/L		
EQUIPMENT NAME SHELL AND SUPPOR	TING STRU		IDENT/SERIA NONE	AL I	A10000	LOCA	TION 5-292-0-E		WORK CENTER EM04		JSN A162		
EQUIPMENT ST. 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY		i	CORRECTED	JS	1. S - PERSOI	INEL SAFE	TY	CATE	GORY		EOC		
3. TNA - TEST NOT ATTEM! 4. TNC - TEST NOT COMPL 5. NOB - EQUIPMENT NOT (PTED ETED	2. A - 3. T - 4.S -	AWAITING PARTS AWAITING TECH AS SHIP'S FORCE CORRECTED PROBLE		2. Z - EQUIPM 3. H - HARDW 4. D - DOWN 5. L - LIMITED								
TYPE AVAILABILITY		HEN TO BE OMPLISHED	STAT	rus		CAI	JSE		DEFERR	EFERRAL REASON			
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	3. PRIOR TO N DEPLOYMEN	EXT UNDERWAY EXT ST DEPLOYMENT E DATE:	3. REDUCED (0. NOT APPLI	ATIONAL CAPABILITY	 LACK OF K COMMUNIC 	RER/INSTA NOWLEDGE ATION PRO TE INSTRUC TE DESIGN EAR AND T	LLATION DEFE E DBLEMS CTION/PROCEI		2. LACK OF MATERIAL 3. NO FORMAL TRAINING OI 4. FORMAL TRAINING INADE EQUIPMENT 5. INADEQUATE SCHOOL PF 6. LACK OF FACILITIES/CAF 7. NOT AUTHORIZED FOR 8. FOR SF OVERHAUL OR A 9. LACK OF TECHNICAL DOO	3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS			
MAN HRS EXPENDED) MAN I	IRS REMAIN	IING	COMPL	ETED ACTIO	ON TAKE	N		S/F MANHOURS		PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS S 2. SERIOUS - SUSPENSION O 3. SERIOUS - WAIVER OF EQ 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL	EQUIRED	2. MAINTE 3. MAINTE 4. CANCE 7. MAINTE	ENANCE ACTION ENANCE ACTION ENANCE ACTION LLED - DEFERRA ENANCE ACTION DF THE ABOVE, D	COMPLETE COMPLETE L WILL BE F COMPLETE	D: REQUIRED D: NO PARTS I REMOVED FRO D: 3-M CAPABI	PARTS NO REQUIRED M CSMP LITY UTILI	T DRAWN FROM SUPPLY ZED		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE				
(316) FROM MAF SEPARATIION A POTABLE WATE .250 MILD STEEI AND WF (316) T	RGIN PLA PPROXIM R TANK (_, LEAK T O BARE CODE 22	FE TO ST IAATELY 5-308-2-W EST TANI METAL, F I, DSN 96	RINGER (12 60 SQUARI 7). CUT OUT K, CLEAN A RESERVE	SHELI E FEET APPROX PPROX AND PA	L AND ST . XXX RE DXIMATEL IMATELY AINT. THIS	RINGE COMM Y 8 S 60 SQ 3 2KIL	ERS HAV IEND F QUARE I UARE F O VALID	'E HE REPAII FEET EET C ATED	BETWEEN BULKH AVY CORROSION / R ACTIVITY CLEAI OF MARGIN PLAT OF AREA BETWEEN BY J. THOMAS, 1 24 JAN22003, REC	AND ĤI N AND E, REF N BULK 0 DEC	EAVY PAINT GAS FREE PLACE WITH KHEAD (328) 02, POC A.		
CSMP SUMMARY:	STRUCT N	1ARGIN PL	ATE THINNIN	IG					TEST#				
ROOT CAUSE/AMP	PLIFICATIO	N							STEP#				
SYSTEM LEVEL IM	PACT:												
TECHNICIAN MAR 2-KILO IS: X VALID (NO 0 REWRITE (\) FOUND CO COMPLETE CANCEL (W NOT VALID	CORRECTIC /ALID) MPLETE D BY SEM 'ORK NOT R	NS)	OCKS:		UI - -	— Y	VALIDAT 'ES NO	TION IN	FORMATION / CORR	RECTION	NS TO SNAP:		
FIRST CONTACT TOLLEY		ATE C 2	SECON REYES	D CONT	ACT	RATE			PHONE				
BLUEPRINTS: TEC											ON BRD YES NO		
ASSESSOR: J. LAI CODE SSPORT C	TD	TL		L	OGISTICIAN		PAGE NO						

USS TAYLOR (FFG-50) AUXILIARY MACHINERY ROOM 3 (5-292-0-E)



SEVERELY CORRODED MARGIN PLATE BETWEEN FRAMES 324 AND 328 SEVERAL U/T READINGS ARE BELOW THE 25% WASTAGE CRITERIA. REFER TO DRAWING. CSMP A162.



LOOKING FORWARD AT FRAME 324. THE WEB IS SEVERELY DETERIORATED. JSN A339

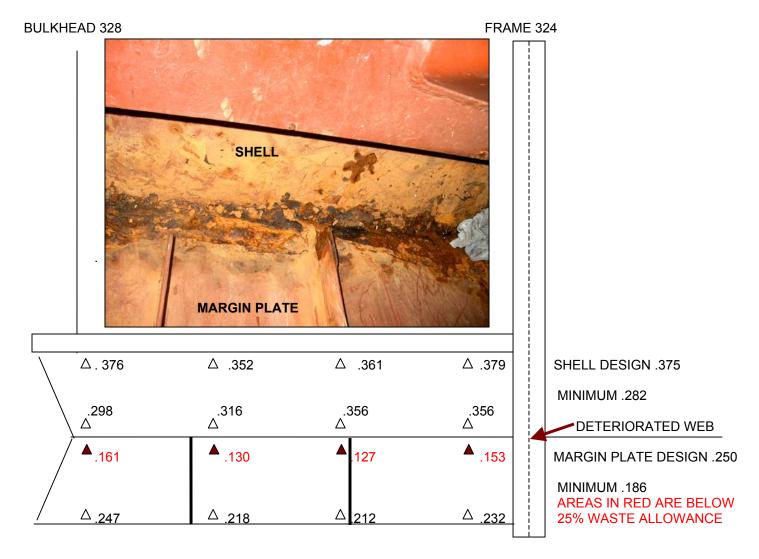
USS TAYLOR (FFG-50) AUXILIARY MACHINERY ROOM 3 (5-292-0-E)



CORROSION IN BILGE AT FRAME 316 PORT SIDE. CSMP A162



CORROSION ON SHELL AND STRINGERS AT FRAME 324 LOOKING AFT. CSMP A162



USS TAYLOR (FFG-50) AUXILIARY MACHINERY ROOM 3 (5-292-0-E) PORT SIDE

J.LAROCK U/T LEVEL 2 Q.E.D. SYSTEMS INC. 19 FEBRUARY 2003

ITEM NUMBER									Ī		USS TAYLOR (F	EC 50	١
SYSTEM	DTING	CTDUCTU		SWBS		EIC	100		APL		,	RIN	,
SHELL & SUPPO EQUIPMENT NAME	RING	STRUCTUR	KE	11011 IDENT/SERIAL		F	100	LOCATI	ON	WOI	N/A RK CENTER	JSN	
HULL STRUCTUR	RE		PROBLEM	CTATUC	N/A				5-250-0-E	CATEGORY	EM04		A346
1. SAT - SATISFACTO 2. UNSAT - UNSATISFAO 3. TNA - TEST NOT CI 4. TNC - TEST NOT CI 5. NOB - EQUIPMENT	CTORY TTEMPTE OMPLETE	D	1. C 2. A 3. T 4.S	- CORRECTED - AWAITING PARTS - AWAITING TECH AS - SHIP'S FORCE CORRECTED PROBLE		2. Z - E	ERSONNE QUIPMENT HARDWAR	T SAFET		SALEGOK	4. D - DOWN 5. L - LIMITED		.8
TYPEAVAILABILITY		WHEN TO BE ACCOMPLISHE		STATUS		CAUSE	:				DEFERRAL REASON		
1. DEPOT 1. IMA 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	1. IMME 2. PRIC 3. PRIC DEPLO	EDIATELY OR TO NEXT UN OR TO NEXT YMENT ING POST DEPI	IDERWAY	OPERATIONAL NON-OPERATION REDUCED CAPAGE NOT APPLICABLE	BILITY	2. MAN 3. LAC 4. COM 5. INAL 6. INAL 7.NOR	ORMAL EN FACTUREI K OF KNOV IMUNICATI DEQUATE I DEQUATE I MAL WEAR APPLICAE	2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON 4. FORMAL TRAINING INADE EQUIPMENT 5. INADEQUATE SCHOOL PR 6. LACK OF FACILITIES/CAP, 7. NOT AUTHORIZED FOR S/ 8. FOR S/F OVERHAUL OR A' LIST	AL TRAINING ON THIS EQUIPMENT RAINING INADEQUATE IN THIS IT IT SCHOOL PRACTICAL TRAINING ACILITIES/CAPABILITIES IORIZED FOR S/F ACCOMPLISHMENT VERHAUL OR AVAILABILITY WORK TECHNICAL DOCUMENTATION				
MAN HRS EXPENDED	ı	MAN HRS I	REMAINING		COMPL	ETED ACTIO	N TAKEN			S/F	MANHOURS	PRI	ORITY
THE 3 ^{RU} , 4TH A	ION OF ECUIPN R RIAL Y DESC ND 5 ED REF H (6X6 POC: RY: H(CRIPTION: STRINGI PAIRS: CL ½ T BEAN B. WILLIA DLED STR	PER HINGERS TOUT A M). APPE	MARCA UNDER OM THE MARCA ALL THREE ST COX 24 LINEAR 7-396-4001 EX	2. MAIN 3. MAIN 4. CANC 7. MAIN 0. NONE RWATE SIN PLA	ITENANCE ALITENANCE ALI	CTION COICTION COICTI	MPLETE MPLETE MPLETE CRIBE II SSM D IN DOT I	D: NO PARTS R REMOVED FAM. D: 3-M CAPABIL N REMARKS/DE ENT: 5-25 SEVERAL	ARTS NOT DR EQUIRED M CSMP ITY UTILIZED SCRIPTION SE 0-0-E MAI PLACES RAME 26	AWN FROM SUPPLY	2. E 3. H 4. D DRT SID 264 ANI	270.
PART NO.				NOMENCLAT	URE				QTY	NSN			COST
1													
2 3 4 5													
FIRST CONTAC GUEVER			RATE DC1	SECON		ONTACT RATE PHONE REYES DCC					<u> </u>		
ASSESSOR / A			<u> </u>	KI	LILU	TD		TL		STICIAN		TSP	

USS TAYLOR (FFG-50) MAIN ENGINE ROOM (5-250-0-E)



HOLED STRINGER (5 $^{\text{TH}}$ FROM THE MARGIN PLATE) APPROXIMATELY 2 FEET FORWARD OF FRAME 270, PORT SIDE JSN. A341



 $\mathbf{4}^{\mathsf{TH}}$ STRINGER FROM THE MARGIN PLATE AT FRAME 270, PORT SIDE.

USS TAYLOR (FFG-50) MAIN ENGINE ROOM (5-250-0-E)



 $3^{\rm RD}$ STRINGER FROM THE MARGIN PLATE IS HOLED IN SEVERAL PLACES BETWEEN FRAMES 264 AND 270, PORTSIDE. JSN A346

ITEM NUMBER								_		SHIIP		
TEM NOMBER										USS TAYLOR (F	FFG-50	0)
SYSTEM SHELL & SUPPO	RTING STRUC	TURE	ESWBS 11011		EIC A	100		APL		N/A	RI	n 31TZQ
EQUIPMENT NAME HULL STRUCTUR	RF		IDENT/SERIAL	N/A		ı	LOCATIO 5	n -250-0-Е	WOF	RK CENTER EM04	JS	6N A427
EQUIPMENT STATUS	<u></u>	PROBL	EM STATUS	14// (200 0 L	CATEGORY			EOC
SAT - SATISFACTO UNSAT - UNSATISFACTO TEST NOT A TNC - TEST NOT C NOB - EQUIPMENT	CTORY 2		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH A 4.S - SHIP'S FORCE *UNCORRECTED PROBI		2. Z - E	ERSONNE QUIPMENT HARDWARE	SAFETY			4. D - DOWN 5. L - LIMITED		.8
	WHEN TO		STATUS		CAUSE					DEFERRAL REASON		
1. DEPOT 1. LEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	ACCOMPL 1. IMMEDIATELY 2. PRIOR TO NEX 3. PRIOR TO NEX DEPLOYMENT 4. DURING POST I AVAILABILITY	T UNDERWAY T DEPLOYMENT	REDUCED CAP NOT APPLICABI	ABILITY	2. MAN 3. LACH 4. COM 5. INAD 6. INAD 7.NORN	OF KNOW	R/INSTALI VLEDGE ON PROE NSTRUCT DESIGN AND TEA	LATION DEFECT BLEMS FION/PROCEDUF		1. S/F BACKL.OG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPME 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAIN 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHI 8. FOR S/F OVERHAUL OR AVAILABILITY WCLIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED	MAN H	IRS REMAININ	NG	COMPL	ETED ACTIO	N TAKEN			S/F I	MANHOURS	PF	RIORITY
2												
SAFETY HAZARD: 1. SERIOUS - CORRECT 2. SERIOUS - SUSPENS 3. SERIOUS - WAIVER C 4. SAFETY ITEM - MINO 5. COMBUSTIBLE MATE	ION OF EQUIPMENT OF EQUIPMENT/SYST R	SYSTEM/SPA	CE REQUIRED	2. MAIN 3. MAIN 4. CANO 7. MAIN	ITENANCE AC ITENANCE AC CELLED - DEF ITENANCE AC	CTION CON CTION CON ERRAL W CTION CON	MPLETED MPLETED ILL BE RE MPLETED	: PARTS DRAWN : REQUIRED PAF : NO PARTS REC EMOVED FROM (: 3-M CAPABILIT REMARKS/DESC	RTS NOT DRA QUIRED CSMP Y UTILIZED	AWN FROM SUPPLY	2. 3.	MANDATORY ESSENTIAL HIGHLY DESIRABLE DESIRABLE
										AIN ENGINE ROOM		
										DOWN INTO BILGE		
SQFT IS SATU	RATED AND I	HIDING C	ORROSION, CC	JRRUSI	ON RUN	S 10 P	AND IN	ICLUDES	THE MAI	RGIN PLATE APPRO	X 400 S	QF1.
RECOMMENDE	D REPAIRS:	REMOVE	APPROX 200	SOFT C)F HIII I	INSIII	ATION	I REMOVE	CORRO	OSION FROM 3 RD ST	TRINGE	R ABOVE
										REPLACEMENT OF		TOTAL
INSULATION IS						7 11 11 11	<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. ,			
SSPORT C221	POC: B. WIL	LIAMS (757-396-4001 E	XT-2166) TPO	C: C. B	UCK					
CSMP SUMMA	RY: SATURA	TED INS	JLATION ,CORF	ROSION	STBD, N	/IER				TEST# MRC 1102/1		
ROOT CAUSE/	AMDI IEICATI	ON:								STEP#		
H1	AMI EII IOATI	OI 1 .								1 THRU 5		
SYSTEM LEVE	L IMPACT:											
PART NO.			NOMENCLA	TURE				QTY	NSN			COST
1												
2												
3												
4												
5									<u> </u>			
6							-					
FIRST CONTAC	rT I	RAT	E SECON	ND CON	ΙΤΔΟΤ			RATE	l I D	HONE		
GUEVE		REYES DCC				I I O I N L	<u> </u>					
ASSESSOR / A J. LAROCK QE			•			TD		TL	LOGI	STICIAN		TSP

USS TAYLOR (FFG-50) MAIN ENGINE ROOM (5-250-0-E)



STARBOARD SIDE, FRAME 264.CORROSION ON THE SHELL AND STRINGER THAT WAS HIDDEN BY THE HULL INSULATION. PERMANENT REMOVAL OF THE INSULATION FROM BULKHEAD 250TO FRAME 278 IS RECOMMENDED. THIS IS A HIGH CORROSION AREA ON THE FFG-7 CLASS. JSN A427



CORROSION ON DECK LEVEL STRINGER AFT OF FRAME 264. JSN A427

USS TAYLOR (FFG-50) MAIN ENGINE ROOM (5-250-0-E)



CORROSION ON DECK LEVEL STRINGER FORWARD OF FRAME 264. JSN-A427

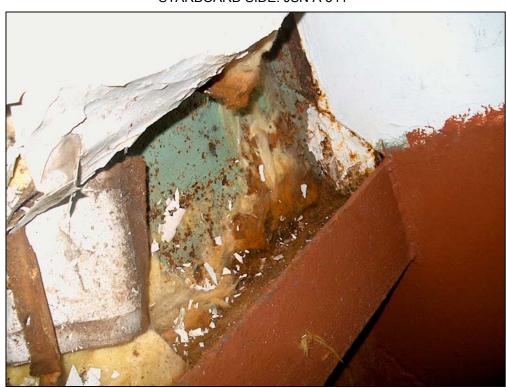
										_							
ITEM NUMBER													USS TAYLOR	(FFG-	50)		
SYSTEM SHELL & SUPPO	RTING STRU	JCTUR		ESWBS 1101	1	EIC	A10	00		APL			N/A		RIN 31	TZK	
EQUIPMENT NAME			-	IDENT/SERI				LC	CATIO			WOR	K CENTER		JSN		
HULL STRUCTUR	KE.	Т	PROBLEM	/ STATUS	N/A	١			;	5-212-0-E	CATI	GORY	EM04			339 oc	
	NDV.						1. S - PER	CONNEL	0455	· · ·			4. D - DOWN				
1. SAT - SATISFACTO 2. UNSAT - UNSATISFAC 3. TNA - TEST NOT AT	CTORY TTEMPTED	2	2. 3.	C - CORRECTED A - AWAITING PAI T - AWAITING TEG S - SHIP'S FORCE	CH ASSIST*		2. Z - EQU 3. H – HAF	IPMENT S					5. L - LIMITED			0	
4. TNC - TEST NOT CO 5. NOB - EQUIPMENT	NOT ONBOARD	70.05	*U	NCORRECTED PR	ROBLEMS		041105						DEFENDAL DE ACON			.8	
TYPEAVAILABILITY		MPLISHE	0	STATUS			CAUSE						DEFERRAL REASON				
1. DEPOT 1	1. IMMEDIATEL			1. OPERATION	2. MANFACTURER/INSTALLATION DEFECTS 2. LACK OF MATE												
2. IMA	2. PRIOR TO N	EXT UND	DERWAY	2. NON-OPER		IL 3. LACK OF KNOWLEDGE 3. NO FORMAL TRAINING 4. COMMUNICATION PROBLEMS 4. FORMAL TRAINING IN.										i	
3. TECH ASSIST	PRIOR TO N DEPLOYMENT			3. REDUCED	CAPABILITY		5. INADEC6. INADEC			TION/PROCEDI	URE		EQUIPMENT 5. INADEQUATE SCHOOL	L PRACTICAL			
4. SHIP'S FORCE	4. DURING POS	ST DEPL	OYMENT	0. NOT APPLI			7.NORMA 0. NOT AF	L WEAR A	ND TE	AR			6. LACK OF FACILITIES/O7. NOT AUTHORIZED FO	CAPABILITIES	;		
5. SFWL	AVAILABILITY	0. 52. 2	O 1		1		0.110174	, Eloniber		7			8. FOR S/F OVERHAUL O				
			4										9. LACK OF TECHNICAL I	DOCUMENTA	TION	_	
						0. OTHER OR NOT APPLICA								ICABLE		6	
MAN HRS EXPENDED	MA	N HRS R	EMAINING		СОМ	PLET	ED ACTION 1	AKEN				S/F M	ANHOURS		PRIORITY		
2																	
SAFETY HAZARD: 1. SERIOUS - CORRECT	AS SOON AS PO	SSIBLE								D: PARTS DRAV D: REQUIRED P.			LY WN FROM SUPPLY		1. MANDA		
2. SERIOUS - SUSPENSI 3. SERIOUS - WAIVER O	ION OF EQUIPME	NT/SYST	EM/SPACE	3. MA	AINTEI	NANCE ACTI	ON COMP	LETE	D: NO PARTS RI	EQUIRE				3. HIGHL'	Y		
4. SAFETY ITEM - MINOR	R				7. MA	AINTEI	NANCE ACTI	ON COMP	LETE	D: 3-M CAPABIL	ITY UTIL	IZED	TION			ABLE 4	
5. COMBUSTIBLE MATERIAL 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION 4. DESCRIPTION: PER HM&ERA UNDERWATER HULL ASSESSMENT: 5-212-0-E AMR 2 STARBOARD SIDE. STRING													RING	FR 8			
IS HOLED BELO									_			7		<u>,</u>			
RECOMMENDE	D REPAIRS	s· cu	T OUT	APPROX 3	FFFT OF	ST	RINGER	8 STA	\RT	ING FROM	/ 18°	' FOR	RWARD OF OVBD	1			
													IG 553431 REV A.	-			
SSPORT C221	POC: B. W	/ILLIA	MS (7	57-396-4001	1 EXT-21	66)) TPOC:	C. BU	ICK								
CSMP SUMMAI	RY: DETER	RIORA	ATED S	TRINGER A	MR2								TEST#				
													MRC 1102/1				
ROOT CAUSE/A	AMPLIFICA	TION	:										STEP#			-	
H1													1 THRU 5				
SYSTEM LEVEL	L IMPACT:																
PART NO.				NOMENC	LATURE					QTY	l NS	SN			CO	ST	
1				NOMENO	LATORE					QII	140	J14			00	<i>3</i> 1	
2									+		1				1		
 									1								
3									4		-				1		
4															<u> </u>		
5															<u> </u>		
6																	
FIRST CONTAC GUEVER			RATE DC1	SEC	COND CO	NT/ REY				RATE DCC	;	PF	HONE				
ASSESSOR / A					TD		TL	L	.OGIS	STICIAN		TSF	כ				

ITEM NUMBER														
ITEM NUMBER										USS TAYLOR	(FFG-50)		
SYSTEM SHELL & SUPPO	RTING STRUC	TURE	ESWBS 110)11	EIC	A10	0	APL		N/A	RIN	31TZK		
EQUIPMENT NAME	-		IDENT/SE				LOCATI			ORK CENTER	JSN			
HULL STRUCTUR	KE .	PROBI	EM STATUS	N/A	4	1		5-212-0-E	CATEGO	EM04		A 344		
												1 200		
1. SAT - SATISFACTO 2. UNSAT - UNSATISFAC 3. TNA - TEST NOT AT 4. TNC - TEST NOT CO	CTORY 2 TTEMPTED OMPLETED		1. C - CORRECTE 2. A - AWAITING F 3. T - AWAITING T 4.S - SHIP'S FORG *UNCORRECTED	PARTS ECH ASSIST* CE			ONNEL SAFE PMENT SAFET DWARE			4. D - DOWN 5. L - LIMITED		.8		
	NOT ONBOARD WHEN TO		STATUS			CAUSE				DEFERRAL REASON		<u> </u>		
1. DEPOT	ACCOMPL 1. IMMEDIATELY	ISHED	1. OPERATI	ONAL		1. ABNORM	IAL ENVIRONI	MENT		1. S/F BACKLOG/OPERAT	TIONAL PRIORITY	Y		
4	2. PRIOR TO NEX	Γ UNDFRWAY	2. NON-OPE	RATIONAL		MANFAC		LLATION DEFE	ECTS	2. LACK OF MATERIAL				
2. IMA	3. PRIOR TO NEX			D CAPABILITY		4. COMMUN	NICATION PRO		DURE		NO FORMAL TRAINING ON THIS EQUIPMENT FORMAL TRAINING INADEQUATE IN THIS			
3. TECH ASSIST	DEPLOYMENT					INADEQU	JATE DESIGN		JURE	INADEQUATE SCHOOL		AINING		
4. SHIP'S FORCE	4. DURING POST	DEPLOYMENT	0. NOT APP	LICABLE 1		7.NORMAL 0. NOT APP	WEAR AND T LICABLE	EAR		6. LACK OF FACILITIES/C7. NOT AUTHORIZED FOR	R S/F ACCOMPLI			
5. SFWL	AVAILABILITY			'				7		8. FOR S/F OVERHAUL O	R AVAILABILITY	WORK		
		4	4						9. LACK OF TECHNICAL D	DOCUMENTATIO				
									0. OTHER OR NOT APPLI	CABLE	6			
MAN HRS EXPENDED	MAN	RS REMAININ	NG	CON	APLETI	ED ACTION TA	AKEN		Si	F MANHOURS	PRI	ORITY		
SAFETY HAZARD:								D: PARTS DRA				IANDATORY		
 SERIOUS - CORRECT SERIOUS - SUSPENS 	ION OF EQUIPMENT	SYSTEM/SPA	CE REQUIRED	3. M	AINTE	NANCE ACTIO	N COMPLETE	D: NO PARTS	REQUIRED	RAWN FROM SUPPLY	3. H	SSENTIAL IIGHLY		
 SERIOUS - WAIVER O SAFETY ITEM - MINOR 		EM						REMOVED FRO D: 3-M CAPABI)		ESIRABLE		
5. COMBUSTIBLE MATE	RIAL			0. N	ONE O	F THE ABOVE	, DESCRIBE II	N REMARKS/DI	ESCRIPTION S	ECTION		ESIRABLE 4		
										MR2 PORT AND ST	ARBOARD			
STRINGERS 10														
										SIDE FROM STRING	GER 9 TO	UPPER		
LEVEL DECK B	ETWEEN BH	D 212 & F	RAME 228	IS SATUR	RATE	ED AND F	IIDING C	ORROSIC	N. APPR	OX 120 SQFT				
										, APPROX 120 SQF		<u>/E</u>		
				SQFT. PR	IME	AND PAI	NT AREA	AS ON BC	TH SIDE	S. REPLACEMENT	OF THE			
INSULATION IS	NOT RECOR	MENDE	D											
SSPORT C221	POC: B. WIL	LIAMS (757-396-40	01 EXT-21	66)) TPOC:	C. BUCK							
		`	1			,								
CSMP SUMMAI	RY: CORROS	ION POF	RT AND STE	BD AMR2						TEST#				
										MRC 1102/1				
ROOT CAUSE/	AMPLIFICATI	ON:								STEP#				
H1										1 THRU 5				
SYSTEM LEVE	L IMPACT:													
PART NO.	<u> </u>		NOMEN	CLATURE				QTY	NSN			COST		
1			NONLIN	OLATORE				QII	INOIN			0001		
2														
3														
i i														
4							1		1					
5														
6									<u> </u>	2110115				
FIRST CONTAC GUEVER		RAT DC1		COND CC	ONT/ REY			RATE DC		PHONE				
ASSESSOR / A						T	.D	TL	LOC	SISTICIAN		TSP		
I S. EMINOUN QL	- 0 : 0 : LINO								1					

USS TAYLOR (FFG-50) AUXILIARY MACHINERY ROOM 2 (5-212-0-E)

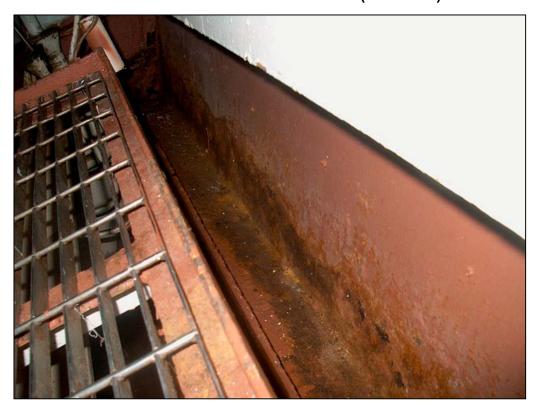


STRINGER 8 BELOW OVERBOARD DISCHARGE, BETWEEN BHD 212 AND FRAME 220 STARBOARD SIDE. JSN A 341



SATURATED HULL INSULATION AND CORROSION, STARBOARD SIDE AT FRAME 220.
PERMANENT REMOVAL OF INSULATION FROM BHD 212 TO FRAME 228 IS
RECOMMENDED. JSN A 344

USS TAYLOR (FFG-50) AUXILIARY MACHINERY ROOM 2 (5-212-0-E)



CORROSION ON STARBOARD SIDE, UPPER LEVEL OUTBOARD OF THE HPAC BETWEEN BHD 212 AND FRAME 220. JSN A344

CSMP REVIEW

ITEM NUMBER							SHIP USS TAYLOR (FFG-50)						
SYSTEM			ESV		El	C A10000	`	APL	V	SYSTEMITEM		RIN	
STRUCTURAL EQUIPMENT NAME				IDENT/SERIA	AL.	A100000		TION		VORK CENTER	٠,	JSN	
SHELL AND SUPPOR				NONE				5-180-0-E		EM04		A174	
EQUIPMENT ST	ATUS	6	PRO	BLEM STATU	JS				CATEG	ORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT: - UNSATISFACTORY 3. TNA - TEST NOT ATTEM! 4. TNC - TEST NOT COMPL 5. NOB - EQUIPMENT NOT (PTED	ıRD	2. A - AV 3. T - AV 4.S - SH	DRRECTED VAITING PARTS VAITING TECH AS IP'S FORCE RRECTED PROBLE		1. S - PERSON 2. Z - EQUIPM 3. H – HARDW 4. D - DOWN 5. L - LIMITED	ENT SAFE						
TYPE AVAILABILITY			EN TO BE MPLISHED	STAT	US		CA	USE		DEFERRAL	DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	IMA 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT 5HIP'S FORCE 5FWL 4. DURING POST DEPLOYMENT 1. 1						NOWLEDGI ATION PRO	ALLATION DEFECT EDBLEMS CTION/PROCEDI		2. LACK OF MATERIAL. 3. NO FORMAL TRAINING ON T 4. FORMAL TRAINING INADEQUEQUIPMENT 5. INADEQUATE SCHOOL PRAC 6. LACK OF FACILITIES/CAPAE 7. NOT AUTHORIZED FOR SY 8. FOR SY OVERHAUL OR AVA 9. LACK OF TECHNICAL DOCU	3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS		
MAN HRS EXPENDED	MAN HRS EXPENDED MAN HRS REMAINING COMP							ĒΝ	S/F MANHOURS		PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS S 2. SERIOUS - SUSPENSION O 3. SERIOUS - WAIVER OF EQI 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL	UIRED	2. MAINTEN 3. MAINTEN 4. CANCEL 7. MAINTEN	NANCE ACTION (NANCE ACTION (NANCE ACTION (LED - DEFERRA NANCE ACTION (F THE ABOVE, D	COMPLETE COMPLETE WILL BE I COMPLETE	D: REQUIRED P D: NO PARTS R REMOVED FROM D: 3-M CAPABIL	ARTS NOT I EQUIRED I CSMP ITY UTILIZE	DRAWN FROM SUPPLY	;	1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE				
UNDER HALON FOUND ON SHEI PIPING, ETC) FINTERFERENCE TANK 5-204-2-F SSDG MODULE ENTIRE FUEL CONDENSOR SUBULKHEAD. REII THOSE BALLAST	BO' REC S IN ANI BL OIL CEI WS VSL	TTLE SPLATE INCLUDION CONINCLUDION CONINCLUDIO C	TATION A WHERE IT ND PERA ING WOR DUCT SUI 5-204-2-F) OF 10 SQ BRACKE BULKHEAI	MEETS W M MEETS W MEETS W M MEETS W M MEETS W M MEETS W M M M M M M M M M M M M M M M M M M M	ARD OF VF (204) VITY RE DECKP REP OF CKPLAT RIOR BU THOSE ASTENE O LEVE	F BALLAS . XXX DU EMOVE E LATES, E ENTIRE E SUPPO JLKHEAD AREAS F ERS AND EL EQUAL	T BLO E TO I BALLA: BULKH BILGE DRTSS IN A OUND GAUC TO S	OCKS AF NUMERO ST BLOC IEAD INS FROM F G AFT TO UX 1 TO DETERI GE LINE F 9. WHEN	T OF TUS INTERNATION OF THE PROPERTY OF THE PR	UNDER REEFER OWF (196). MINOR ERFERENCES, (BALON BOTTLESS ON IN ITS ENTIRE E195 TO 212 FROIS CAPE TRUNK(FR2 RHEAD . FRONTLED BEYOND LIMITS ETS PRIOR TO PRESERVATION IS COME THE PRESERVATION IS COM	CORRALLAS ALLAS AND TY FI M S-9 212). I OAD S. REF RESER IPLETI	SION WAS T BLOCKS, O OTHER ROM FUEL DOWN TO PRESERVE FOR TANK PLACE ALL EVING THIS	
CSMP SUMMARY:	STF	RUCT 5-1	180-0-E CO	RROSION						TEST#			
ROOT CAUSE/AMP	LIF	CATION	I							STEP#			
SYSTEM LEVEL IM	PAC	T:								-			
TECHNICIAN MAR 2-KILO IS: X VALID (NO 0 REWRITE (V FOUND CO) COMPLETE CANCEL (W NOT VALID	S) T QUIRED)	cks:				res No	ON INF	ORMATION / CORRE	CTION	S TO SNAP:			
FIRST CONTACT TOLLEY		RA'		SECON REYES	D CONTA	ACT	RATI	■		PHONE			
BLUEPRINTS: TEC	НМ	ANUAL	S, PLANS,	ETC.					<u> </u>			ON BRD YES NO	
ASSESSOR: J. LAROCK QED SYSTEMS INC. CODE SSPORT C221 757-396-4001							TL		LO	GISTICIAN		PAGE NO	

USS TAYLOR (FFG-50) AUXILIARY MACHINERY ROOM 1 (5-180-0-E)



CORROSION ON BHD 204. (CSMP A174) U/T READINGS REVEALED NO SIGNIFICANT LOSS.



CORROSION ON SHELL BELOW REEFER COMPRESSOR 2 CSMP A174

USS TAYLOR (FFG-50) AUXILIARY MACHINERY ROOM 1 (5-180-0-E)



CORROSION AND STANDING WATER OUTBOARD OF ESCAPE TRUNK. CSMP A174

ITEM MIMBED																
ITEM NUMBER										USS TA	JSS TAYLOR (FFG-50)					
SYSTEM SHELL & SUPPO	RTING	STRUCTU		swвs 11011		EIC	4100		APL		N/A		RIN	N/L		
EQUIPMENT NAME	_		-	IDENT/SERIAL	N1/A			LOCAT		٧	VORK CENTER	10.4	JSN	A 440		
HULL STRUCTUR	KE.		PROBLEM	STATUS	N/A				5-51-0-Q	CATEGO		104	1	A410 EOC		
1. SAT - SATISFACTO	ORY		1. 0	- CORRECTED		1. S -	PERSONN	IEL SAFE	TY		4. [) - DOWN				
2. UNSAT – UNSATISFAC	CTORY	2	2. A	- AWAITING PARTS - AWAITING TECH AS	SIST*	2. Z -	EQUIPME HARDWA	NT SAFE				- LIMITED				
3. TNA - TEST NOT AT 4. TNC - TEST NOT CO 5. NOB - EQUIPMENT	OMPLETE	D	4.S	- SHIP'S FORCE ICORRECTED PROBLE										.8		
TYPEAVAILABILITY		WHEN TO BE ACCOMPLISHE	ED	STATUS		CAUS	E				DEFERRAL I	REASON				
1. DEPOT	1. IMME	DIATELY		1. OPERATIONAL		ABNORMAL ENVIRONMENT ABNORMAL ENVIRON										
1 2. IMA	2. PRIO	R TO NEXT UN	IDERWAY	2. NON-OPERATION	IAL	3. LA0	CK OF KNO	OWLEDGI	E		3. NO FORM	AL TRAINING ON THIS				
3. TECH ASSIST	3. PRIO DEPLO	R TO NEXT		3. REDUCED CAPAE	BILITY	5. INA		INSTRU	CTION/PROCEDU	JRE	EQUIPME					
4. SHIP'S FORCE		NG POST DEP	OVMENT	0. NOT APPLICABLE		7.NOF	RMAL WEA	AR AND T			LACK OF I	ACILITIES/CAPABILITIONIZED FOR S/F AC	ΓIES			
5. SFWL	AVAILA		LOTIVILINI		1	0.140	I AI I LIO	ADLL	7			VERHAUL OR AVAILA				
			4		9. LACK OF T							ECHNICAL DOCUMENTATION				
					0. OTHER OR NOT							R NOT APPLICABLE		6		
MAN HRS EXPENDED		MAN HRS	REMAINING		COMPL	LETED ACTI	ON TAKE	N			/F MANHOURS		PRIC	RITY		
2																
SAFETY HAZARD: 1. SERIOUS - CORRECT					2. MAIN	NTENANCE A	ACTION CO	OMPLETE		ARTS NOT	UPPLY DRAWN FROM SUF	PLY	2. ES	ANDATORY SENTIAL		
 SERIOUS - SUSPENSI SERIOUS - WAIVER O 	F EQUIPM	QUIPMENT/SYS IENT/SYSTEM	STEM/SPACE	REQUIRED	4. CAN	ICELLED - DE	FERRAL	WILL BE I	ED: NO PARTS RE REMOVED FROM	I CSMP				GHLY SIRABLE		
 SAFETY ITEM - MINOR COMBUSTIBLE MATE 									ED: 3-M CAPABILI N REMARKS/DES				4. DE	SIRABLE 4		
DISCREPANCY	DESC	RIPTION	: PER HN	1&ERA UNDE	RWATI	ER HUL	L ASS	ESSM	IENT : 5-51	-0-Q F	DRWARD ED	UCTOR ROO	М			
PERFORMED L	J/T SUI	RVEY AS	PER CS	MP 2733, NO S	SHELL	THINNI	NG WA	AS FO	UND. FLAN	NGE OF	STRINGER	1 STBD AT B	HD 56)		
IS DETERIORA	TED (1	0X 4 T) 1	ST INTE	RCOSTAL FWI	OF B	3HD 56 I	S DET	ERIO	RATED.(2X	(3 T)						
RECOMMENDE	D REP	AIRS: GA	AS FREE	TANK (5-56-0-	·E) CU	T OUT A	ND R	=PI AC	CE APPRO	X 3FT (OF S1 STAR	ING 1FT AFT	OF B	HD 56		
CUT OUT AND																
PRIME AND PA																
REWRITE CS			_			_										
SSPORT C221	POC:	B. WILLIA	AMS (75	7-396-4001 EX	T-216	6) TPC	C: C.	BUCK	(
CSMP SUMMAI	RY: DE	TERIORA	O NOITA	F STRINGER 8	INTF	RCOST	ALS IN	5-51-	0-0		TEST#					
									.		MRC 1	102/1				
ROOT CAUSE/A	AMPLII	FICATION	1 :								STEP#					
H1											1 THRU	5				
SYSTEM LEVEL	LIMPA	CT:														
PART NO.				NOMENCLAT	URE				QTY	NSN			(COST		
1																
2																
3																
4																
5										Ī			Ī			
6																
FIRST CONTAC			RATE DC1	SECON					RATE		PHONE					
ASSESSOR / AG	<u> </u>	R	EYES	TD		TL DCC		GISTICIAN		1 -	ГSР					
J. LAROCK QE			С				''		16		CIGITIOIAIN			. 01		

USS TAYLOR (FFG-50) FORWARD EDUCTOR ROOM (5-51-0-Q)



FLANGE OF 1ST STRINGER AT BHD 56 STARBOARD SIDE. JSN A410



DETERIORATED 2X3 INTERCOSTAL STARBOARD SIDE. JSN- A410

USS TAYLOR (FFG-50) FORWARD EDUCTOR ROOM (5-51-0-Q)

BULKHEAD 55	2X3 INTERCOSTALS PORT SIDE	BULKHEAD 51				
		ALL STRINGERS 10X4				
.371 △	.378 △	.371 △				
.369 △	.368 △	.364 △				
.362 △	.358 △	.368 △				
.367 △	.355 △	.363 △				
	KEEL					
Δ .358	∆ .363	∆ .361				
∆ .364	∆ .366	∆ .358				
∆ .364	∆ .369	∆ .370				
Δ	Δ	Δ				
.374	.366	.372				
	STARBOARD SIDE LL DESIGN THICKNESS .375 MUM .282	J.LAROCK U/T LEVEL 2 QED SYSTEMS INC				

02/21/03

ITEM NUMBE	R	USS TAYLOR (FFG-50								C 50	1)		
SYSTEM				SWBS	E	EIC		APL		,	RIN	í	
SHELL & SUPPORTING STRUCTURE 11011 EQUIPMENT NAME IDENT/SERIAL						A100 LOCATION			WOR	N/A work center		N/L JSN	
HULL STRUCTURE					N/A	A 4-100-0-E				EM04		A 347	
EQUIPMENT STATUS		PROBLEM						CATEGORY			EOC		
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 2 1. C - CORRECTED 2. A - AWAITING PARTS 3. TAWAITING PARTS						2. Z - EQ	RSONNEL SA UIPMENT SA			4. D - DOWN 5. L - LIMITED			
3. TNA - TEST NOT 4. TNC - TEST NOT	ATTEMPTE		4.S	- AWAITING TECH ASS - SHIP'S FORCE ICORRECTED PROBLE		3. H – H/	ARDWARE					.9	
5. NOB - EQUIPMEN	IT NOT ONB	OARD WHEN TO BE	OI*	STATUS	INIO	CAUSE			DEFERRAL REASON				
1. DEPOT	_	ACCOMPLISHE EDIATELY	D	1. OPERATIONAL		1. ABNO	RMAL ENVIR	ONMENT	S/F BACKLOG/OPERATIONAL	S/F BACKLOG/OPERATIONAL PRIORITY			
4	2. PRIC	OR TO NEXT UN	IDERWAY	2. NON-OPERATION	AL	2. MANF 3. LACK	ACTURER/INS OF KNOWLES	STALLATION DEFEC DGE	 LACK OF MATERIAL NO FORMAL TRAINING ON THE 	IS EQUIF	PMENT		
2. IMA 3. TECH ASSIST		OR TO NEXT		3. REDUCED CAPAB	4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN				JRE				
4. SHIP'S FORCE		YMENT	OVALENT	0. NOT APPLICABLE		7.NORM	AL WEAR ANI			5. INADEQUATE SCHOOL PRACT 6. LACK OF FACILITIES/CAPABIL	ITIES		
5. SFWL		ING POST DEP ABILITY	LOYMENI		1	U. NOT A	PPLICABLE	7		7. NOT AUTHORIZED FOR S/F AI 8. FOR S/F OVERHAUL OR AVAIL			
			4							9. LACK OF TECHNICAL DOCUMENTATION			
										0. OTHER OR NOT APPLICABLE		6	
MAN HRS EXPENDED)	MAN HRS	REMAINING		COMPLE	ETED ACTION	TAKEN		S/F I	MANHOURS	PRIORITY		
2 SAFETY HAZARD:					1 MAINT	TENANCE AC	TION COMPLE	ETED: PARTS DRAW	N EDOM SLIDI			MANDATORY	
1. SERIOUS - CORRE 2. SERIOUS - SUSPEI				REQUIRED	2. MAINT	TENANCE ACT	TION COMPLE	ETED: REQUIRED PA ETED: NO PARTS RE	ARTS NOT DR.		2. E	ESSENTIAL HIGHLY	
3. SERIOUS - WAIVER 4. SAFETY ITEM - MIN	OF EQUIPM		TEMPOI NOE	NEQUINED	4. CANCI	ELLED - DEFE	ERRAL WILL E	BE REMOVED FROM ETED: 3-M CAPABILI	CSMP			DESIRABLE	
5. COMBUSTIBLE MA	TERIAL	PRINTION	DED U	40EDA LINDER	0. NONE	OF THE ABO	VE, DESCRIB	E IN REMARKS/DES	CRIPTION SE		4. L	DESIRABLE 4	
										PROX. 80 SQFT			
1 01(171100	17111007	WE DIEGI	_ / ((_ / (_	7117(0 = 11=7(0)	OOM	10010117	1101711	VI OLI / II O (I	1014, 741 1	11071.000001			
			MOVE F	ORT AND STA	RBOAF	RD DEC	(PLATE:	S, CLEAN AR	EAS TO	BARE METAL, PRIME A	AND P	AINT	
REPLACE DE	CK PLA	IES.											
SSPORT C22	1 POC:	B WILLI	MS (75	7-396-4001 EX	T-2166) TPOC	· C BUC	:K					
001 011 022		D. WILLIA	- (10	7-030-4001 EX	1-2100	, 11 00	. О. ВОС						
CSMP SUMM	ARY: BI	LGE COR	ROSION	4-100-0-E						TEST#			
										MRC 1102/1			
ROOT CAUSE	/AMPLI	FICATION	l:							STEP# 1 THRU 5			
SYSTEM LEV	EL IMPA	ACT:								1 ITIKO 5			
PART NO.				NOMENCLAT	URE QTY NS				NSN	SN		COST	
1													
2													
3													
4													
5													
6													
FIRST CONTACT RATE SECOND CONTACT RATE PHO GUEVERA DC1 REYES DCC									HONE				
ASSESSOR /			,	-	TD	TL	LOGI	STICIAN		TSP			
J. LAROCK Q	ED SYS	I EWIS IN	,										

USS TAYLOR (FFG-50) APU MACHINERY ROOM (4-100-0-E)



CORROSION IN PORT BILGE. JSN A 347



USS TAYLOR (FFG-50) APU MACHINERY ROOM (4-100-0-E)



CORROSION IN STARBOARD BILGE AT BHD 100. JSN A347

								_						
ITEM NUMBER	ITEM NUMBER USS TAYLOR (F									FG-50))			
SYSTEM ESWBS SHELL & SUPPORTING STRUCTURE 11011				E	EIC A10	0	APL		N/A	RIN	N/L			
EQUIPMENT NAME HULL STRUCTURE				N/A		LOCATION WORK CENTER				JSN A411				
EQUIPMENT STATUS PROBLEM STATUS					IN/A	-	4-48-1-Q EM04 CATEGORY					EOC		
1. SAT - SATISFACTORY 1. C - CORRECTED							ONNEL SAFE			4. D - DOWN				
2. UNSAT – UNSATISFACTORY 2 2. A - AWAITING PARTS 3. TNA - TEST NOT ATTEMPTED 2. A - AWAITING TECH ASS					SIST*		2. Z - EQUIPMENT SAFETY 5. L - LIMITED 3. H – HARDWARE							
4. TNC - TEST NOT CO	OMPLETED	ARD		- SHIP'S FORCE ICORRECTED PROBLE	MS							.8		
TYPEAVAILABILITY	W	HEN TO BE	:n	STATUS		CAUSE	DEFERRAL REASON							
1. DEPOT	1. IMMED			1. OPERATIONAL			AL ENVIRON			KLOG/OPERATIONAL PRIORITY				
1 2. IMA	2. PRIOR	TO NEXT UN	DERWAY	2. NON-OPERATION	AL	2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF MATERIAL 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 4. FORMAL TRAINING INADE								
3. TECH ASSIST	3. PRIOR DEPLOYI	RIOR TO NEXT 3. REDUCED CAPAB			BILITY	INADEQU		ICTION/PROCED	URE	EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING				
4. SHIP'S FORCE		G POST DEPL	OYMENT	0. NOT APPLICABLE			WEAR AND T		6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT					
5. SFWL	AVAILAB				1	0.1101741	LIGNBLL	7		8. FOR S/F OVERHAUL OR AVAILABILITY WORK				
			4							9. LACK OF TECHNICAL DOCI	^			
										0. OTHER OR NOT APPLICAB	LE	6		
MAN HRS EXPENDED		MAN HRS F	REMAINING		COMPLE	ETED ACTION TA	KEN		S/F	MANHOURS P		PRIORITY		
2					4 MAINI	TENANCE ACTIO	N COMPLET	ED. DADTE DDA	WN EDOM CHE			AANDATODY		
SAFETY HAZARD: 1. SERIOUS - CORRECT 2. SERIOUS - SUSPENS				DECLUDED	2. MAINT	TENANCE ACTIO	N COMPLETE	ED: REQUIRED F	ARTS NOT DE	AWN FROM SUPPLY	2. E	MANDATORY SSENTIAL		
3. SERIOUS - WAIVER O	OF EQUIPME		TEM/SPACE	REQUIRED	4. CANC	TENANCE ACTIO ELLED - DEFERF TENANCE ACTIO	RAL WILL BE	REMOVED FROM	M CSMP			HIGHLY DESIRABLE		
4. SAFETY ITEM - MINOI 5. COMBUSTIBLE MATE	RIAL				0. NONE	OF THE ABOVE	DESCRIBE I	N REMARKS/DE	SCRIPTION SE			4. DESIRABLE 4		
										NAR COOLING EQUIP				
						•				THE 25% WASTAGE				
INSULATION IS								E 25% WA	STAGE	RITERIA AT BHD 56.	THE HU	JLL		
INSOLATION IS	SATUR	VAILDI	KOW III	L 3 STRING	LK 10	IIIL OVER	IILAD.							
RECOMMENDE	D REP	AIRS: CL	JT OUT /	APPROX. 4FT (OF THE	2 ND STRIN	IGER ST	ARTING F	ROM 1FT	AFT OF BHD 56 (4-5	6-0-M S	MALL		
										ELL TO 1FT INBOARD				
										STARTING FROM 8"				
TO 4FT FWD. F					OVE C	ORROSION	N, PRIME	AND PAII	NT USING	S AN ANTI-SWEAT CO	DATING	. REFER		
SSPORT C221					T-2166) TPOC: (C. BUCK	(
CSMP SUMMA	RY: SEV	VERE DE	TERIOR	ATION IN 4-48	-1-Q					TEST#				
										MRC 1102/1				
ROOT CAUSE/	AMPLIF	ICATION	l:							STEP#				
H1 SYSTEM LEVE	ΙΙΜΡΔΟ	CT·								1 THRU 5				
		<u> </u>												
PART NO.	PART NO. NOMENCLATURE							QTY	NSN			COST		
1														
2														
3														
4														
5	5													
6														
FIRST CONTAC			RATE DC1	SECON				RATE DCC		HONE	1			
ASSESSOR / A	DC1		KE	EYES T	D	TL		ISTICIAN		TSP				
J. LAROCK QED SYSTEMS INC												-		

USS TAYLOR (FFG-50) SONAR COOLING EQUIPMENT ROOM (4-48-1-Q)



STARBOARD SHELL AND BULKHEAD 56. ARROWS INDICATE LOW U/T READINGS. REFER TO DRAWINGS FOR MEASUREMENTS. A411

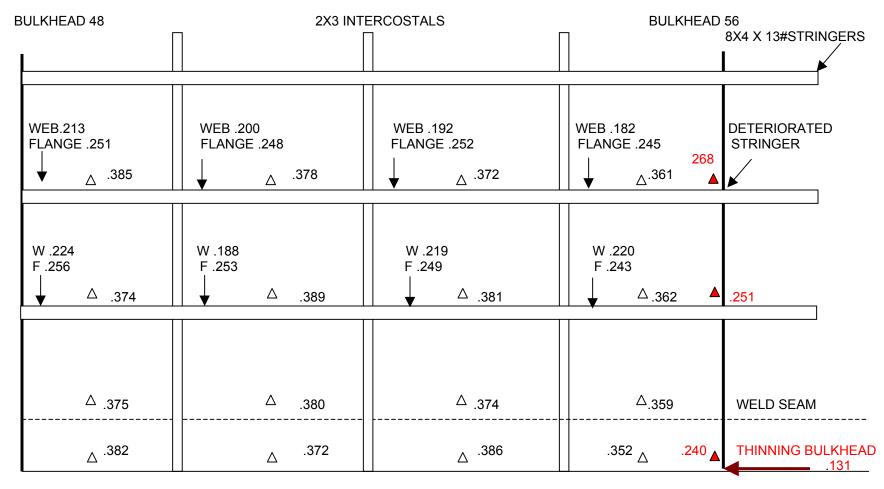


 2^{ND} STRINGER FROM THE DECK AT BULKHEAD 56. A411

USS TAYLOR (FFG-50) SONAR COOLING EQUIPMENT ROOM (4-48-1-Q)



WATER TRAPPED IN THE STRINGERS HAS SATURATED THE HULL INSULATION AND CAUSED SERIOUS CORROSION. THE PERMANENT REMOVAL OF THE INSULATION IS RECOMMENDED. THIS IS A COMMON AREA OF CORROSION ON THE (FFG-7) CLASS. JSN-A411



SHELL DESIGN THICKNESS .375 MINIMUM .282

STRINGER WEB DESIGN .230 FLANGE .255

RED DENOTES UNSATISFACTORY READINGS

J.LAROCK U/T LEVEL 2 QED SYSTEMS INC. 24 FEBRUARY 2003

USS TAYLOR (FFG-50)
SONAR COOLING EQUIPMENT ROOM

ITEM NUMBER							USS TAYLOR (FFG-50)					
SYSTEM ESWBS SHELL & SUPPORTING STRUCTURE 11011				EIC	A501		APL		N/A	RIN	,	
EQUIPMENT NAME IDENT/SERIAL				N/A		LOCATION WORK CENTER					JSN	
HULL STRUCTURE EQUIPMENT STATUS PROBLEM STATUS					1	3-84-0-E EM04 CATEGORY					A404 Eoc	
4 CAT CATICEACTO	ODV				1. S - PERSON	INIEL CAFE	rv.		4. D - DOWN		<u> </u>	
1. SAT - SATISFACTORY 1. C - CORRECTED 2. UNSAT - UNSATISFACTORY 2. A - AWAITING PARTS 3. T - AWAITING TECH ASS					2. Z - EQUIPM 3. H – HARDW	ENT SAFET			5. L - LIMITED			
3. TNA - TEST NOT AT 4. TNC - TEST NOT CO 5. NOB - EQUIPMENT		- SHIP'S FORCE ICORRECTED PROBLEMS								.8		
TYPEAVAILABILITY	WHEN TO BE ACCOMPLISHE	ED	STATUS	CAUSE					DEFERRAL REASON			
1. DEPOT	1. IMMEDIATELY		1. OPERATIONAL	ABNORMAL ENVIRONMENT MANFACTURER/INSTALLATION DEFECTS					S/F BACKLOG/OPERATI LACK OF MATERIAL	ONAL PRIORIT	Y	
1 2. IMA	2. PRIOR TO NEXT UN	IDERWAY	2. NON-OPERATIONAL		LACK OF KNOWLEDGE COMMUNICATION PROBLEMS INADEQUATE INSTRUCTION/PROCEDURE				NO FORMAL TRAINING FORMAL TRAINING INA			
3. TECH ASSIST	3. PRIOR TO NEXT		3. REDUCED CAPABILI	TY					EQUIPMENT			
	DEPLOYMENT		0. NOT APPLICABLE		6. INADEQUAT7.NORMAL WE	EAR AND TE	EAR		 INADEQUATE SCHOOL LACK OF FACILITIES/CA 			
4. SHIP'S FORCE	 DURING POST DEP AVAILABILITY 	LOYMENT	·	1	0. NOT APPLIC		7			T AUTHORIZED FOR S/F ACCOMPLISHMENT R S/F OVERHAUL OR AVAILABILITY WORK		
5. SFWL		4					1		LIST 9. LACK OF TECHNICAL D	OCUMENTATIO	ration .	
		4							0. OTHER OR NOT APPLICABLE 6			
									<u> </u>			
MAN HRS EXPENDED 2	MAN HRS	REMAINING	1	COMPLET	ED ACTION TAKE	EN		S/F N	MANHOURS	PRI	ORITY	
SAFETY HAZARD:	AS SOON AS POSSIBLE				NANCE ACTION				PLY AWN FROM SUPPLY		IANDATORY	
2. SERIOUS - SUSPENS	ION OF EQUIPMENT/SYS		REQUIRED :	MAINTE	NANCE ACTION (COMPLETE	D: NO PARTS RE	QUIRED	WWW I KOW SOLF ET	3. H	2. ESSENTIAL 3. HIGHLY	
 SERIOUS - WAIVER O SAFETY ITEM - MINOR 	R		1	7. MAINTE	LLED - DEFERRAI NANCE ACTION (COMPLETE	D: 3-M CAPABILI	TY UTILIZED	DESIRABLE 4. DESIRABLE 4.			
5. COMBUSTIBLE MATE		. DED UI			FOR THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION 4. DESIRABLE 4.							
									THE 25% WASTA		DIA	
									ATELY 3 FT FWD,			
					,				PPROX 4 FT POR			
TOONS MODE	00 00 121(71112	71(0)(1)(1)	TO FORE ALL PRIVED ALL		LOVY OTHER	. **/	IXI II L LO	ONTED	IIIIOX 4111 OK	1 01 11100	A THE BITE	
RECOMMENDE	D REPAIRS: G	AS FREE	AND CLEAN TA	NK (5-	-84-2-F) RF	MOVE	CHILL WA	TER PUN	IP, FOUNDATION	AND PIPIN	IG.	
									FWD AND FROM \			
									DARD BHD. REPLA			
									GS. 5534338 REV			
			7-396-4001 EXT-									
CSMP SUMMAI	RY: THINNING [DECK 3-8	34-0-F						TEST#			
									MRC 1102/1			
ROOT CAUSE/	AMPLIFICATION	l:							STEP#			
H1					1 THRU 5							
SYSTEM LEVE	L IMPACT:											
PART NO.	PART NO. NOMENCLATURE QTY NSN										COST	
1							<u> </u>	1		i		
2										1		
3												
4								1				
5								1				
6	-		T					<u> </u>				
FIRST CONTAC GUEVER	ST CONTACT RATE SECOND CONTACT GUEVERA DC1 REY						RATE PHONE DCC					
ASSESSOR / A	CT / TECH ID#	c	-		TD		TL	LOGI	STICIAN		TSP	

USS TAYLOR (FFG-50) A/C MACHINERY ROOM (3-84-0-E)



DEEP PITTING OF THE TANK TOP/ DECK AT THE FOOT OF THE LADDER

JSN-A404



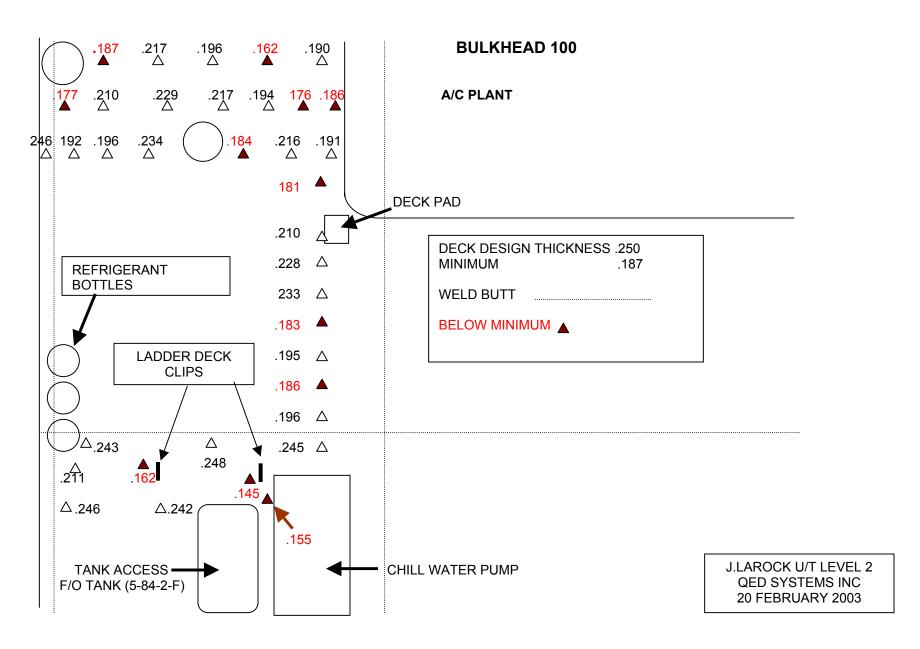
USS TAYLOR (FFG-50) A/C MACHINERY ROOM (3-84-0-E)



PITTING OF THE DECK, STARBOARD LEG OF THE LADDER. JSN A404



PITTING, INBOARD OF A/C UNIT. JSN A404



USS TAYLOR (FFG-50) A/C MACHINERY ROOM (3-84-0-E

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
3RD DECK					
3-20-0-Q	N	N	Y		SPACE REQUIRES GAS FREE
3-32-2-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-32-1-K	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-36-1-A	Y	Y	Y		
3-36-2-T	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-40-2-A	Y	Y	Y		
3-46-1-A	Y	Υ	Y		
3-48-2-A	Y	Y	Y		
3-53-2-A	Y	Y	Y		
3-56-0-A	Y	Y	Y		
3-64-2-V	NOT DURING SHIP CHECK	N	Y		SPACE REQUIRES GAS FREE
3-64-1-V	NOT DURING SHIP CHECK	N	Y		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
3RD DECK					
3-84-0-E	Y	Y	Y	FRS 94-100 STBD SIDE SHELL, DECK TO OVERHEAD	ACCESSIBLE HIDDEN LAGGED 100% (100% OF PORT SIDE SHELL ASSESSABLE)
				FR 95, PORT SIDE, ON TANK TOP	ACCESSIBLE HIDDEN LAGGED 100% (NOT ACCESSIBLE AREA - STBD FWD BHD 84 TO FRAME 93, 5'-6" OFF DECK ELECT PANELS)
3-93-1-Q	Y	Y	Y		ACCESSIBLE LAGGING 100% STBD SIDE
3-100-0-L	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (NOT ACCESSIBLE AREA PORT AND STBD FROM FRAME 115 TO AFT BHD 140, 6' 3" OFF DECK - BUNKS)
3-100-1-L	Y	Y	Y		LAGGING 100% AND SS 50% (SS INSTALLED 49" OFF DECK, FRAME 100 TO 113)
3-113-0-L	Y	Y	Y	FR 113-124, STBD SIDE OF SHELL, DECK TO OVERHEAD	LAGGING 100% AND SS 50% (SS INSTALLED 49" OFF DECK, FRAME 113 TO 123)
3-140-2-L	Y	Y	Y		LAGGING 100% AND SS 50% (SS INSTALLED 49" OFF DECK, FRAME 140 TO 155)

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
3RD DECK					
3-140-1-L	Y	Y	Y		LAGGING 100% AND SS 50% (SS INSTALLED 49" OFF DECK, FRAMES 140 TO 155)
3-144-0-L	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (NOT ACCESSIBLE AREA, PORT & STBD FRAME 165 TO 180, 6'3" OFF DECK BUNKS)
3-156-2-Q	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF PORT SIDE SHELL ASSESSABLE)
3-154-1-Q	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-180-2-C	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-180-5-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-196-2-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
3-236-1-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-236-2-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-240-1-F	Y	N	Y		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
3RD DECK					
3-240-2-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-272-2-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-272-1-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-278-1-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-278-2-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-286-2-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-286-1-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-292-8-F	Y	N	Y		SPACE REQUIRES GAS FREE
3-316-1-J	Y	N	Y		SPACE REQUIRES GAS FREE
3-322-1-J	Y	N	Y		SPACE REQUIRES GAS FREE
3-328-0-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
4TH DECK					
4-H-O-V	Y	N	Y		SPACE REQUIRES GAS FREE
4-20-0-W	Y	N	Y		SPACE REQUIRES GAS FREE
4-27-0-V	N	N	Y		SPACE REQUIRES GAS FREE FR 27 FR 32 P/S FROM 3' UP 26' 4 1/16
4-32-0-Q	Y	N	Y		
4-48-2-L	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
4-48-1-Q	Y	Y	Y	SIDE OF SHELL,	ACCESSIBLE HIDDEN LAGGED 100% (NOT ACCESSIBLE AREA FRAME 50 TO AFT BHD 56, 4'-0' OFF DECK HEATEX & PPG)
4-56-2-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
4-56-0-M	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
4TH DECK					
4-64-0-Q	Y	N	Y		
4-100-0-E	Y	Y	Y	SIDE OF SHELL	ACCESSIBLE HIDDEN LAGGED 100% (100% OF PORT & STBD SHELL ASSESSABLE)
4-100-0-Q	Y	Y	Y		STAINLESS STEEL 100% (100% OF PORT SIDE SHELL ASSESSABLE)
4-140-3-A	Y	N	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
4-152-1-A	Y	N	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
4-160-0-Q	Y	N	Y		100% OF PORT AND STBD SHELL ASSESSABLE
4-172-1-E	Y	Y	Y	FR 174-180 STBD OF SHELL 6" BELOW GRATING BETWEEN L7-L9	100% OF PORT & STBD SHELL ASSESSABLE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-FF-0-V	И	N	N		INACCESSIBLE VOID FR 18 - FR 32, P/S. FROM STEM UP 4FT. FR 5 - FR 18, P/S. FROM STEM UP ~6FT; FR E -12, P/S. FROM STEM UP ~10FT
5-32-0-W	N	N	Y		SPACE REQUIRES GAS FREE
5-51-0-Q	Y	N	Y		100% OF PORT & STBD SHELL ASSESSABLE
5-56-0-F	N	N	Y		SPACE REQUIRES GAS FREE
5-64-0-F	N	N	Y		SPACE REQUIRES GAS FREE
5-84-2-F	N	N	И		SPACE REQUIRES GAS FREE
5-84-1-F	N	N	N		SPACE REQUIRES GAS FREE
5-100-2-W	N	N	И		SPACE REQUIRES GAS FREE
5-100-1-W	N	N	N		SPACE REQUIRES GAS FREE
5-100-4-F	N	N	Y		SPACE REQUIRES GAS FREE
5-100-3-F	N	N	Y		SPACE REQUIRES GAS FREE
5-116-2-F	N	N	Y		SPACE REQUIRES GAS FREE
5-116-1-F	N	N	Y		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
51/2-116-0-V	И	N	И		INACCESSIBLE VOID FR 116 - FR 132, P/S FROM KEEL UP ~4FT
5-132-0-F	N	N	N		SPACE REQUIRES GAS FREE
5-137-1-Т	N	N	N		SPACE REQUIRES GAS FREE
5-140-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-140-1-F	N	И	И		SPACE REQUIRES GAS FREE
5-164-0-F	N	N	N		SPACE REQUIRES GAS FREE
5-164-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-164-1-F	N	N	N		SPACE REQUIRES GAS FREE
5-170-0-F	N	И	И		SPACE REQUIRES GAS FREE
5-180-0-E	Y	Y	Y	•	SHELL NON-ASSESSABLE ON PORT SIDE FRAME 180 TO 195, FRAME 204 TO 212, OVERHEAD TO BILGE, TANK & FND
5-180-01-E	Y	Y	Y		100% OF STBD SHELL ASSESSABLE
5-192-2-F	N	N	Y		SPACE REQUIRES GAS FREE
5-201-1-F	N	И	Y		SPACE REQUIRES GAS FREE
5-201-3-F	N	N	Y		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-204-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-204-1-F	N	N	N		SPACE REQUIRES GAS FREE
5-212-0-E(UL)	Y	Y	Y	FRS 215-220 PORT SIDE OF SHELL, U/L BETWEEN L13-L14	ACCESSIBLE HIDDEN LAGGED UPPER LEVEL. (NOT ACCESSIBLE AREA, PORT SIDE FRAME 220 TO 224, 5'-0" OFF U/L GRATING VOLTAGE REGULATOR)
5-212-0-E(LL)	Y				ASSESSABLE HIDDEN, LAGGED LOWER LEVEL, ACCESSIBLE AREA PORT FRAME 212 TO 228, L10 TO BILGE AREA, STBD FRAME 212 TO 228 L8 TO BILGE AREA. (NOT ACCESSIBLE AREA - PORT & STBD FRAME 228 TO 250, FROM U/L TO BILGE AREA FUEL OIL HEATER)
5-220-2-W	N	N	N		SPACE REQUIRES GAS FREE
5-222-1-F	N	N	N		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-226-2-E	Y	Y	Y		SHELL NON-ASSESSABLE FRAME 225 TO 229, 4'-2" OFF U/L GRATING, FRAME 235 TO 250, 6'-3" OFF U/L GRATING - AIR FLASK, MANIFOLD & FUEL TANK
5-226-1-E	Y	Y	Y		SHELL NON-ASSESSABLE FRAME 225 TO 229, 4'-2" OFF U/L GRATING, FRAME 235 TO 250, 6'-3" OFF U/L GRATING, AIR FLASK, MANIFOLD & FUEL TANK
5-250-0-E	Y	Y	Y	FR 271-272 PORT SIDE OF SHELL TOP OF L0 TANK TOP	LAGGED EXCEPT FOR BILGE AREA, AT 18" ABOVE GRATING INTO BILGE AREA, (SHELL NON-ASSESSABLE ON PORT 1'-0" AFT OF FRAME 270 TO FRAME 292, FROM 5'-0" OFF GRATING, STBD FRAME 265 TO 270 FROM 1'-0" FROM OVERHEAD TO 6" BELOW GRATING, 14" AFT OF FRAME 270 TO 273, 5'-0" OFF GRATING POWER PANELS)

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-250-0-E (CONT'D)	Y	Y	Y	FR 250 PORT SIDE OF SHELL, BETWEEN L9-L12	
5-250-O-E (CONT'D)	Y	Y	Y	FR 258-264 STBD SIDE OF SHELL, BETWEEN L9-L12	
5-250-1-F	N	N	N		SPACE REQUIRES GAS FREE
5-250-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-270-0-F	N	N	N		SPACE REQUIRES GAS FREE
5-276-0-F	N	N	N		SPACE REQUIRES GAS FREE
5-290-2-F	N	N	N		SPACE REQUIRES GAS FREE
5-292-0-E	Y	Y	Y	FR 316-328 PORT SIDE OF SHELL BETWEEN L5-L9	ACCESSIBLE HIDDEN LAGGED, ASSESSABLE AREA PORT FRAME 292 TO 318, DK GRATING TO OVERHEAD (SHELL NON- ASSESSABLE ON PORT FRAME 318 TO 328, 2'-0" FROM GRATING TO OVERHEAD OF SPACE, STBD FRAME 292 TO 300, 3'- 0" OFF GRATING

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-292-0-E (CONT'D)	Y	Y	Y	FR 316-328 PORT SIDE OF SHELL BETWEEN L5-L9	TO OVERHEAD, FRAME 305 TO 308, 3'-0" OFF GRATING TO OVERHEAD, FRAME 313 TO 328,6'-3" OFF GRATING & POWER PANELS
5-292-0-E (CONT'D)			Y	FR 292-328 PORT SIDE OF SHELL BETWEEN L1-L3	
5-292-1-W	N	N	N		SPACE REQUIRES GAS FREE
5-292-2-W	N	N	N		SPACE REQUIRES GAS FREE
5-292-3-W	N	N	N		SPACE REQUIRES GAS FREE
5-308-2-W	N	N	N		SPACE REQUIRES GAS FREE
5-308-1-W	N	N	N		SPACE REQUIRES GAS FREE
5-328-0-J	N	N	N		SPACE REQUIRES GAS FREE
5-328-2-W	N	N	N		SPACE REQUIRES GAS FREE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING INSTALLED ON BHD	IS THE SPACE INSPECTED DURING HM&ERA 1	HISTORICAL HOT SPOT	COMMENTS
5TH DECK					
5-328-1-W	N	N	N		SPACE REQUIRES GAS FREE
5-344-0-J	N	N	N		SPACE REQUIRES GAS FREE
5-368-0-V	N	N	N		SPACE REQUIRES GAS FREE
5-386-0-V	N	N	N		INACCESSIBLE VOID FRAME 386 TO 392, P/S, FROM KEEL UP ~2FT; FRAME 392 TO 400, S, FROM KEEL UP ~2FT; FRAME 400 TO 408 P/S FROM KEEL UP ~2FT
5-392-0-V	N	N	N		SPACE REQUIRES GAS FREE
5-368-0-E	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)
5-376-1-A	Y	Y	Y		ACCESSIBLE HIDDEN LAGGED 100% (100% OF SHELL ASSESSABLE)